

MLS 100 A

FOUR INPUT STEREO AUDIO SWITCHER

- ▶ Four switchable inputs on captive screw connectors
- ▶ Additional input accepts balanced/unbalanced mono line level audio signals for mixing with any of the four switchable inputs
- ▶ Audio input gain and attenuation
- ▶ Controllable via TouchLink™ Control System, MediaLink® Controller, front panel buttons, or RS-232
- ▶ Rack-mountable, 1U, quarter rack width metal enclosure
- ▶ Energy-efficient external universal power supply included



The Extron MLS 100 A is a compact, four-input stereo audio switcher that supports balanced/unbalanced audio signals. For ease of integration, the switcher provides a wide range of audio adjustments and control options. The MLS 100 A is ideal for installation in podiums or other space-constrained locations.



Extron® Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron MLS 100 A Switcher is a compact, four-input stereo audio switcher utilizing captive screw connectors. Inputs one through four provide unbalanced audio while an additional input is an active auxiliary line level mono audio input that can be mixed with any of the other four selectable inputs. When used with a TouchLink™ Control System or MediaLink® Controller, input selection and volume control are easily achieved using RS-232 or the controller's user interface. Input selection can also be controlled using the switcher's front panel buttons.

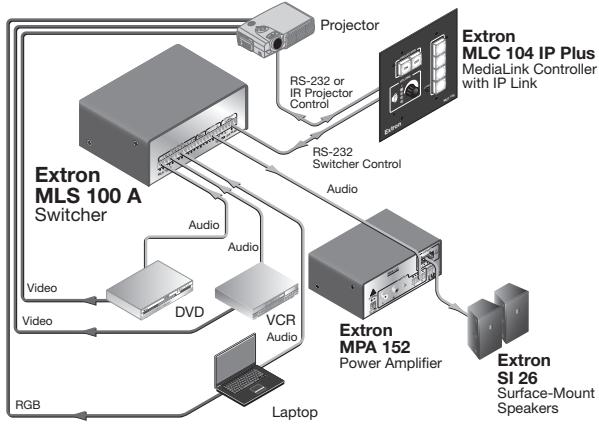
The CSR 6 Captive Screw to RCA Audio Adapter is available as an optional output adaptor, converting the captive screw output of the MLS 100 A to a pair of female RCA connectors.

Housed in a quarter rack width metal enclosure, it is ideal for installation in podiums and other small space areas. Because of its small size, the MLS 100 A can also be mounted or placed on a shelf along with a video recorder and DVD player.

FEATURES

- ▶ Additional input accepts balanced/unbalanced mono line level audio signals for mixing with any of the four switchable inputs
- ▶ Audio input gain and attenuation
- ▶ Controllable via TouchLink™ Control System, MediaLink® Controller, front panel buttons, or RS-232
- ▶ Rack-mountable, 1U, quarter rack width metal enclosure
- ▶ Energy-efficient external universal power supply included

APPLICATION DIAGRAM



SPECIFICATIONS

AUDIO

Gain	Unbalanced output: -6 dB; balanced output: 0 dB (unity)
Frequency response	20 Hz to 20 kHz, ±0.5 dB
THD + Noise	90 dB @ 20 Hz to 20 kHz

AUDIO INPUT

Number/signal type	4 stereo/mono, unbalanced (switchable) 1 mono, balanced/unbalanced aux-mix (always active, non-switchable)
Connectors	(5) 3.5 mm captive screw connectors, 3 pole
Impedance	>10k ohms unbalanced, >20k ohms balanced, DC coupled
Maximum level	+14 dBu, (balanced or unbalanced) at stated %THD+N
Input gain adjustment	18 dB to +24 dB, adjustable per input (via RS-232/control software)
Aux/Mix level adjustment	-43 dB to +24 dB (adjustable only via front panel)

AUDIO OUTPUT

Number/signal type	1 stereo or mono, balanced/unbalanced
Connectors	(1) 3.5 mm captive screw connector, 5 pole
Impedance	50 ohms unbalanced, 100 ohms balanced
Maximum level (Hi-Z)	>+21 dBu, balanced or unbalanced at 1% THD+N
Maximum level (600 ohm)	>+15 dBm, balanced or unbalanced at 1% THD+N

CONTROL/REMOTE – SWITCHER

Serial control port	RS-232, 3.5 mm, 5 pole captive screw connector
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GENERAL

Power	Supplied by optional MediaLink Controller (MLC) or an external power supply
External power supply (included)	100 VAC to 240 VAC, 50-60 Hz, external; to 12 VDC, 1 A max., regulated
Power input requirements	12 VDC, 0.4 A
Mounting	
Rack mount	Yes, with optional 1U rack shelf
Furniture mount	Yes, with optional mini under-desk mounting kit
Pole mount	Yes, with optional mini pole mounting kit
Enclosure type	Metal
Enclosure dimensions	1.7" H x 4.3" W x 3.0" D (1U high, quarter rack wide) (4.2 cm H x 11.0 cm W x 7.6 cm D) (Depth excludes connectors and buttons.)
Product weight	0.7 lbs (0.3 kg)
Shipping weight	3 lbs (2 kg)

Model	Version Description	Part number
MLS 100 A	Four Input Audio	60-497-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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